Hello, IDL users -

 I am looking for two array analysis routines. They'd both probably
be pretty straightforward to write, so maybe one of you has already done so!

1. Given a 2-d array, user-defined endpoints of a line in that array, and
a width in pixels around that line, compute the 1-d average of the array along
the line, within the given width. Essentially PROFILE, averaged along a width.

2. Given a 3-d array and an arbitrary line through that array, return the
column density. Essentially PROFILE in three dimensions.

 Thanks,
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